

### **What is Claimed is:**

1. A battery with traveling disk's function for selectively connecting to a portable electrical apparatus or an electrical apparatus, comprising:

5 a first connector selectively and electrically connecting to the portable electrical apparatus;

a controller connected to the first connector for transmitting data;

a memory connected to the controller for storing data;

a transmission interface connected to the controller for transmitting data; and

10 a second connector connected to the transmission interface for selectively and electrically connecting to the portable electrical apparatus such that when the first connector is electrically connected to the portable electrical apparatus the portable electrical apparatus is allowed to retrieve the data in the memory through the controller, and when the second connector is electrically connected to the electrical apparatus the electrical apparatus is allowed to retrieve the data in the memory  
15 through the transmission interface and the controller.

2. The battery of claim 1, further including a battery module which is connected to the first connector to provide electric power for the portable electrical apparatus.

3. The battery of claim 2, further including a voltage regulator which is connected to the battery module, the first connector, the controller and the memory to obtain  
20 electric power from the battery module and regulate voltage to transmit electric power to the first connector, the controller and the memory.

4. The battery of claim 1; further including a battery module which is connected to the transmission interface to obtain electric power when the second connector is electrically connected to the electrical apparatus, and transmit the electric power

through the transmission interface to the battery module for storing.

5. The battery of claim 1, wherein the transmission interface is a universal serial bus (USB).